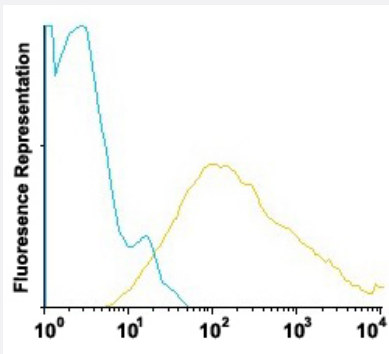


# CD9 monoclonal antibody, clone VJ1/20 (CF-Blue)

Catalog # MAB13774      Size 5 x 100 reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of human platelets with CD9 monoclonal antibody, clone VJ1/20 (CF-Blue) (Cat # MAB13774).

## Specification

**Product Description** Mouse monoclonal antibody raised against human CD9.

**Immunogen** TNF activated HUVEC cells.

**Host** Mouse

**Theoretical MW (kDa)** 25

**Reactivity** Human

**Form** Liquid

**Conjugation** CF-Blue

**Purification** Protein A/G purification

**Purity** >90%

**Isotype** IgG2a

**Recommend Usage** Flow Cytometry (5  $\mu$ L/ $10^6$  cells)  
The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Flow cytometric analysis of human platelets with CD9 monoclonal antibody, clone VJ1/20 (CF-Blue) (Cat # MAB13774).

## Gene Info — CD9

Entrez GeneID	<a href="#">928</a>
Protein Accession#	<a href="#">P21926</a>
Gene Name	CD9
Gene Alias	5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29
Gene Description	CD9 molecule
Omim ID	<a href="#">143030</a>
Gene Ontology	<a href="#">Hyperlink</a>

Gene Summary	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance. [provided by RefSeq]
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Other Designations	5H9 antigen CD9 antigen CD9 antigen (p24) OTTHUMP00000041574 OTTHUMP00000041576 antigen defined by monoclonal antibody 602-29 growth-inhibiting gene 2 protein leukocyte antigen MIC3 motility related protein motility related protein-1 p24 antigen
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## Pathway

- [Hematopoietic cell lineage](#)

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)